

Lloyd's Register of Shipping.

(Report on Machinery, No. 74448 Port Newcastle
Edenside)

No. F.285. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Life Forge Co. Ltd of Burkehead for the Engines No. 605 being constructed by Messrs G. J. Gray & Co of Lough Shields for the Ship No. _____, being built by _____ of _____

have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory

Scrap shaft fitted with continuous liner

J. R. Williamson
Leith

Mark on Forgings or Castings.

Lloyd's
No. 4823
J.R.W

	CRANK SHAFT.		STRAIGHT SHAFTING.		
			THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Sm. S Steel</u>	<u>Sm. S Steel</u>			<u>Scrap Iron</u>
How made	<u>Forged</u>	<u>Forged</u>			<u>Forged</u>
Dimensions	<u>7 1/2" dia</u>	<u>7 1/2" dia</u>			<u>6" dia</u>
Progress on Inspection	<u>Turned to finish</u>	<u>Turned to finish</u>			<u>Turned to finish</u>
Tests on Standard Test Pieces.					
Tensile Test—					
Tons per square inch	<u>21.6</u>	<u>20.4</u>			<u>✓</u>
Extension per cent	<u>20 7/8</u>	<u>21 7/8</u>			<u>✓</u>
Cold Bending Test—					
Angle before fracture	<u>180°</u>	<u>180°</u>			<u>✓</u>
Dates when Inspected	<u>16-5-18</u>	<u>16-9-11-20</u>	<u>29-11-18</u>	<u>16-9-11-20</u>	<u>30-9-20</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at



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Lloyd's Register
Foundation

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.